

**Remarks**

Claims 55-64 were pending in the application.

Claims 1-54 are withdrawn.

Claims 55-64 are currently amended.

Accordingly, after this amendment, currently amended Claims 55-64 are pending.

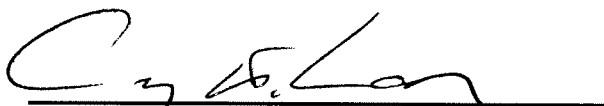
Claims 55 to 64 have been amended to recite “a computer-implemented method for use with an waveform sensor system for determining pupil parameters.” Support for the amendments is found in Figure 5 and the accompanying text on pages 11-12 and elsewhere in the specification.

In the Office Action dated December 10, the Examiner rejected claims 55 to 64 under 35 USC 101 because the claimed invention (reciting an “algorithm”) is directed to non-statutory subject matter. This rejection has been obviated by the present amendment to the claims and reconsideration of the rejection is respectfully requested.

Applicant believes that all claims are now in condition for allowance. An early and favorable action on the merits is solicited. The Examiner is invited to contact the undersigned to resolve any remaining issues.

This Amendment is accompanied by a three-month Petition for Extension of Time, the fee for which should be charged to Deposit Account No. 02-1425, as well as any additional fees or credits for overpayment.

Respectfully submitted,



Craig E. Larson

Registration No.: 27,917

Bausch & Lomb Incorporated

One Bausch & Lomb Place

Rochester, NY 14604

Tel: (585) 338-5528

Fax: (585) 338-8706

Dated: June 10, 2009